first position and a second position, located proximally to the cage assembly, wherein when the actuator element is in the first position, the cage assembly is in the first deployment shape and when the actuator element is in the second position, the cage assembly is in the second expanded shape.

IN THE CLAIMS

Please cancel existing claims 1 – 20.

Please insert the following new claims 21 – 31:

21. An embolism treatment device comprising:

an elongated core wire having a distal end and a proximal end;

a coil tip coupled to the distal end of the elongated core wire;

a cage assembly having a distal end, a proximal end, a first deployment shape, and a second expanded shape, wherein the second expanded shape is different from the first deployment shape and wherein the cage assembly is substantially coaxial to the elongated core wire;

a tubular member coupled to the distal end of the cage assembly, wherein the tubular member surrounds a distal portion of the core wire; proximal to the coil tip; and

an actuator element, having a first position and a second position, located proximally to the cage assembly, wherein when the actuator element is in the first position, the cage assembly is in the first deployment shape and when the actuator element is in the second position, the cage assembly is in the second expanded shape;

wherein the core wire is freely moveable axially through the cage assembly.

22. The embolism treatment device in claim 21, wherein the tubular member is a bushing.

23. The embolism treatment device in claim 21, wherein the tubular member is a thermoplastic.

24. The embolism treatment device in claim 21, further comprising an inner coil surrounding the elongated core wire within the cage assembly.

25. The embolism treatment device in claim 24, wherein the inner coil is a marker coil.

26. An embolism treatment device comprising:

an elongated core wire having a distal end and a proximal end;

a coil tip coupled to the distal end of the elongated core wire;

a cage assembly having a distal end, a proximal end, a first deployment shape, and a second expanded shape, wherein the second expanded shape is different from the first deployment shape and wherein the cage assembly is substantially coaxial to the elongated core wire;

an inner coil surrounding the core wire within the cage assembly; and

an actuator element, having a first position and a second position, located proximally to the cage assembly, wherein when the actuator element is in the

first position, the cage assembly is in the first deployment shape and when the actuator element is in the second position, the cage assembly is in the second expanded shape.

27. The embolism treatment device in claim 26, wherein the inner coil is a marker coil.

28. The embolism treatment device in claim 26, wherein the inner coil is prevented from passing distally on the core wire.

29. The embolism treatment device in claim 26, further comprising a tubular member coupled to the distal end of the cage assembly and surrounding the core wire proximal to the coil tip.

30. The embolism treatment device in claim 29, wherein the tubular member is firmly placed on the core wire.

31. The embolism treatment device in claim 26, wherein the core wire is freely moveable axially through the cage assembly.